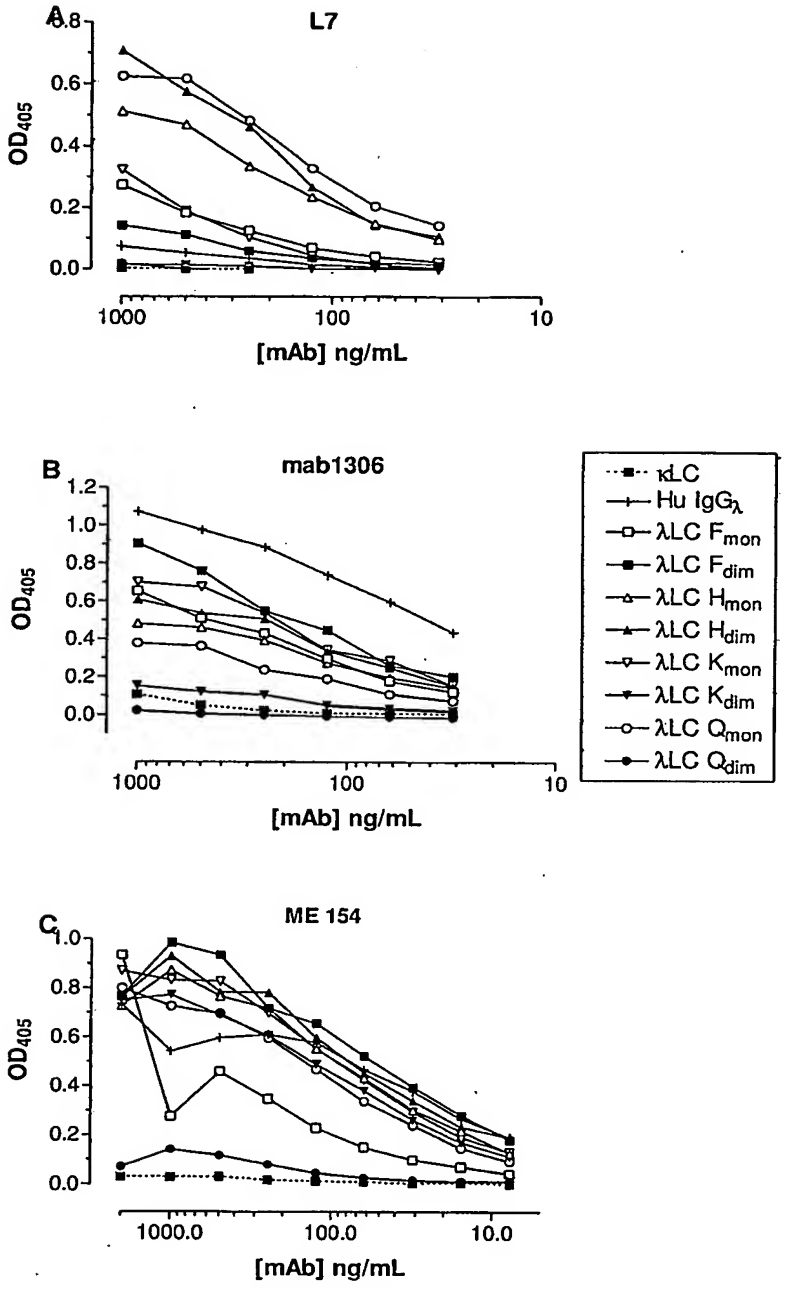
A
L7
OD405
0.8
0.6
0.4
0.2
0.0
1000
100
10
[mAb] ng/mL
B
mab1306
OD405
1.2
1.0
0.8
0.6
0.4
0.2
0.0
1000
100
10
[mAb] ng/mL
κLC
Hu IgGλ
λLC Fmon
λLC Fdim
λLC Hmon
λLC Hdim
λLC Kmon
λLC Kdim
λLC Qmon
λLC Qdim
C
ME 154
OD405
1.0
0.8
0.6
0.4
0.2
0.0
1000.0
100.0
10.0
[mAb] ng/mL

Figure 1

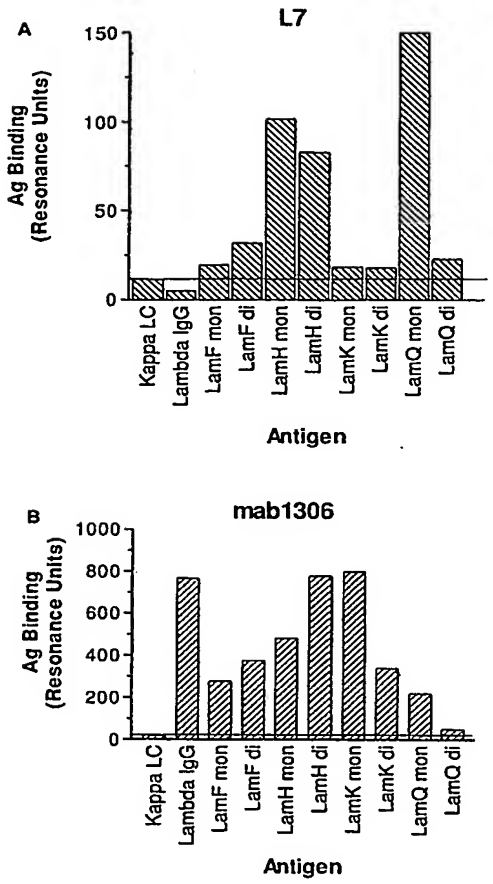
A
L7
Ag Binding (Resonance Units)
150
100
50
0
Kappa LC
Lambda IgG
LamF mon
LamF di
LamH mon
LamH di
LamK mon
LamK di
LamQ mon
LamQ di
Antigen
B
mab1306
Ag Binding (Resonance Units)
1000
800
600
400
200
0
Kappa LC
Lambda IgG
LamF mon
LamF di
LamH mon
LamH di
LamK mon
LamK di
LamQ mon
LamQ di
Antigen

Figure 2

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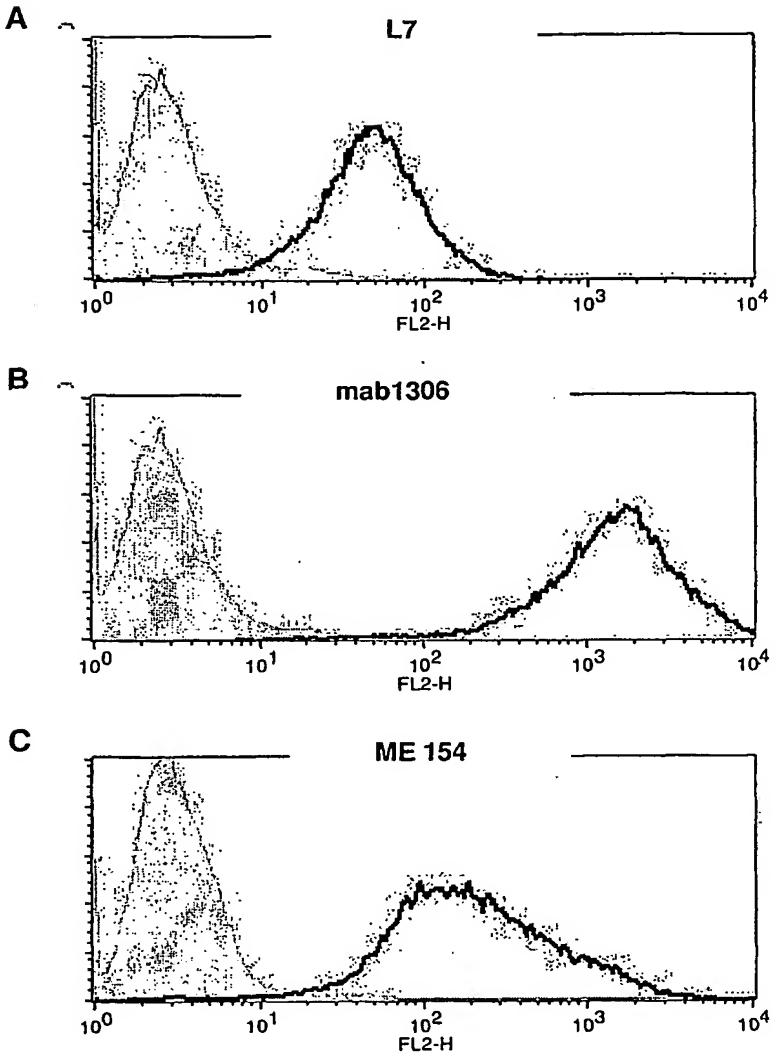

Figure 3

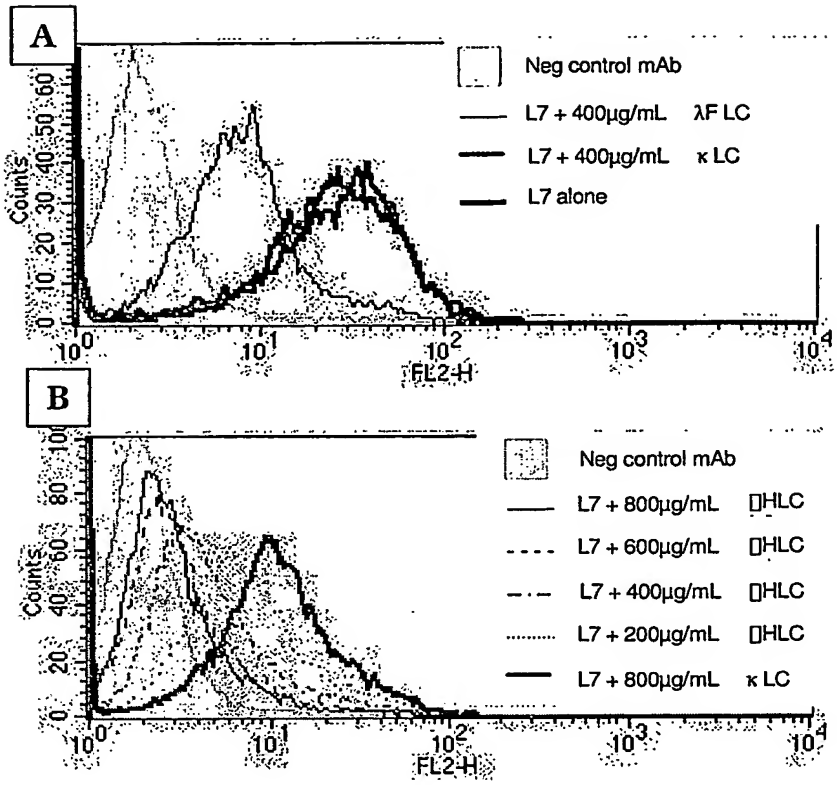
A
Neg control mAb
L7 + 400µg/mL λF LC
L7 + 400µg/mL κ LC
L7 alone
Counts
FL2-H
B
Neg control mAb
L7 + 800µg/mL HLC
L7 + 600µg/mL HLC
L7 + 400µg/mL HLC
L7 + 200µg/mL HLC
L7 + 800µg/mL κ LC
Counts
FL2-H

Figure 4

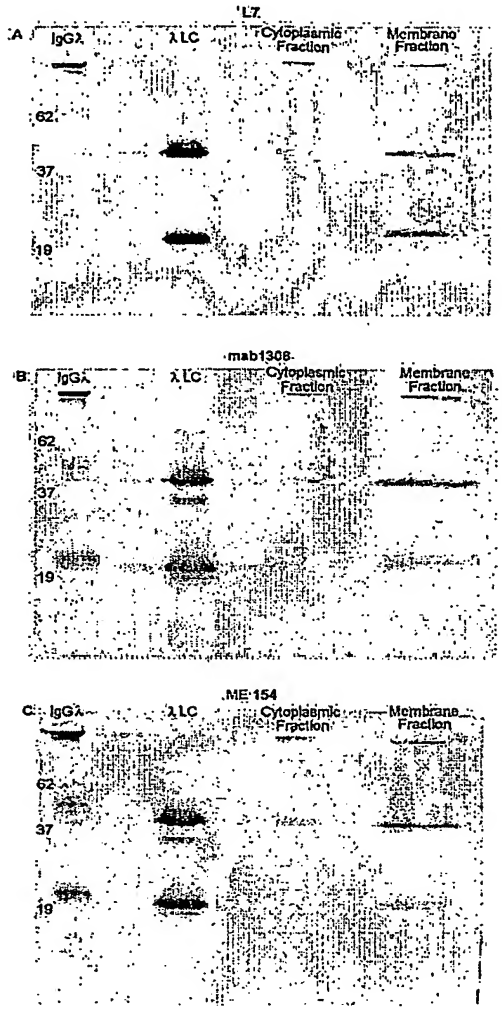
A
IgGλ
λ LC
Cytoplasmic Fraction
Membrane Fraction
62
37
19
B
mab1308
IgGλ
λ LC
Cytoplasmic Fraction
Membrane Fraction
62
37
19
C
ME-154
IgGλ
λ LC
Cytoplasmic Fraction
Membrane Fraction
62
37
19

Figure 5

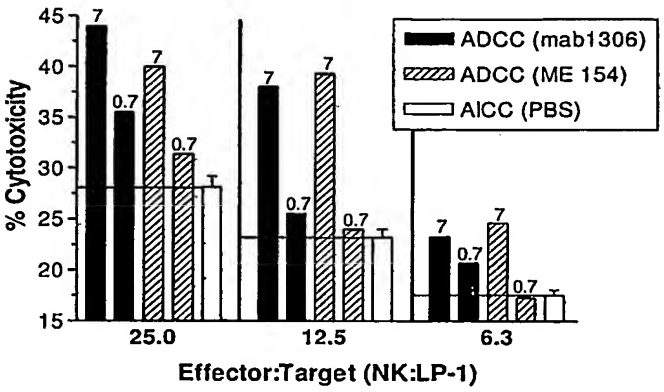
45
40
35
30
25
20
15
% Cytotoxicity
7
0.7
7
0.7
7
0.7
7
0.7
7
0.7
7
0.7
25.0
12.5
6.3
Effector:Target (NK:LP-1)
ADCC (mab1306)
ADCC (ME 154)
AICC (PBS)

Figure 6